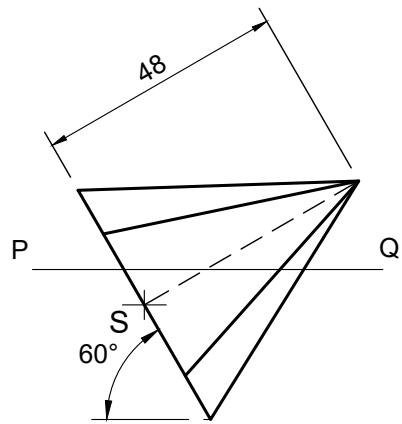


QUESTION 2.1: SOLID GEOMETRY



Given:

- The front view of an equilateral pentagonal pyramid with section line PQ.
- The base side length of the equilateral pentagonal pyramid is 30 mm.
- Point S as the start position.

Instructions:

Draw to a scale of 1 : 1, the following views of the solid:

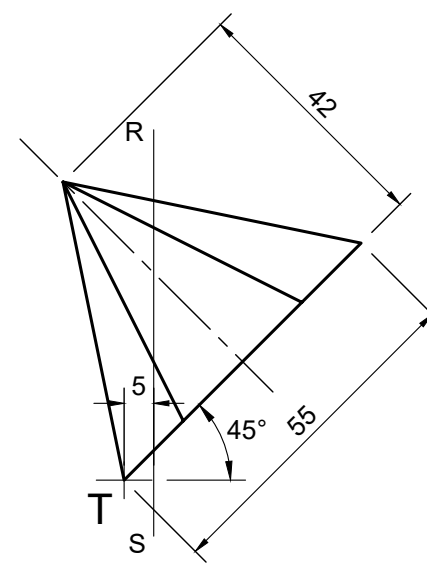
- 2.1 The given front view
- 2.2 A sectional top view
- 2.3 The left view

Note:

- Planning is essential.
- Use point S as the start position on this diagram sheet.
- Show all construction lines.
- Show all hidden detail.

S+

QUESTION 2: SOLID GEOMETRY



Given:

- The front view of a equilateral hexagonal pyramid with section line RS.
- The across distance at the base, from corner to corner of the equilateral hexagonal pyramid is 55 mm.
- Start position T.

Instructions:

Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 The top view
- 2.3 A sectional left view

Note:

- Planning is essential.
- Use point T as the start position on this diagram sheet.
- Show all construction lines.
- Show all hidden detail.

T+

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	14	
2	FRONT VIEW	7	
3	TOP VIEW	15	
4	RIGHT VIEW	7	
PENALTIES (-1)			
TOTAL		43	

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	9	
2	FRONT VIEW	6	
3	TOP VIEW	8	
4	SECTIONAL LEFT VIEW	17	
PENALTIES (-1)			
TOTAL		40	



SOLID GEOMETRY	ESTIMATED TIME FOR COMPLETION	30 MIN	GRADE 10	NAME & SURNAME		TASK	PAGE
	YOUR TIME OF COMPLETION	MIN				7.23	2.23